Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
Data File : BG041838.D
Acq On : 31 Jul 2019 18:12
Operator : HP/JU
Sample : K3621-08MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-072919MS

Manual Integrations APPROVED
mohammad
8/1/2019 5:10:14 PM

Quant Time: Aug 01 02:25:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	29342	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	157431	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	173218	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	613639	20.00	ng		0.00
76) Chrysene-d12	21.74	240	685443	20.00	ng		0.00
87) Perylene-d12	25.01	264	758901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	252881	167.68	ng		0.00
7) Phenol-d6	7.19	99	377451	185.65	ng		0.00
23) Nitrobenzene-d5	9.20	82	247764	108.30	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	464226	235.94	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	835999	85.12	ng		0.00
79) Terphenyl-d14	20.07	244	2833964	94.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	16095	22.675	ng	#	11
3) Pyridine	3.87	79	69703	35.809	ng		92
4) n-Nitrosodimethylamine	3.77	42	34770	45.060	ng	#	95
6) Aniline	7.35	93	84587	29.546	ng		93
8) 2-Chlorophenol	7.60	128	109730	63.541	ng		90
9) Benzaldehyde	7.16	77	57056	39.882	ng		93
10) Phenol	7.22	94	127901	60.468	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	83415	47.970	ng		95
12) 1,3-Dichlorobenzene	7.93	146	91628	40.653	ng		99
13) 1,4-Dichlorobenzene	8.08	146	96642	42.852	ng		98
14) 1,2-Dichlorobenzene	8.40	146	96893	45.025	ng		95
15) Benzyl Alcohol	8.28	79	109845	68.672	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	139878	45.214	ng		96
17) 2-Methylphenol	8.48	107	102730	66.782	ng		100
18) Hexachloroethane	9.14	117	30822	39.909	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	87189	59.067	ng		90
20) 3+4-Methylphenols	8.81	107	149039	70.800	ng		99
22) Acetophenone	8.86	105	171426	48.682	ng	#	90
24) Nitrobenzene	9.25	77	123559	51.267	ng		98
25) Isophorone	9.77	82	275718	55.403	ng		99
26) 2-Nitrophenol	9.97	139	67746	60.566	ng		96
27) 2,4-Dimethylphenol	10.03	122	130945	66.329	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	145772	46.874	ng		98
29) 2,4-Dichlorophenol	10.51	162	154037	64.072	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	129579	42.504	ng		97
31) Naphthalene	10.92	128	355445	49.332	ng		96
32) Benzoic acid	10.10	122	19141	19.832	ng		92
33) 4-Chloroaniline	11.02	127	44756	13.098	ng		96
34) Hexachlorobutadiene	11.21	225	74663	36.287	ng		97
35) Caprolactam	11.84	113	83358m	99.770	ng		
36) 4-Chloro-3-methylphenol	12.14	107	198587	83.318	ng		98
37) 2-Methylnaphthalene	12.53	142	319933	56.098	ng		100
38) 1-Methylnaphthalene	12.75	142	314294	58.152	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	203697	37.150	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	172907	56.089	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	178990	51.649	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	217767	60.469	ng		95
46) 1,1'-Biphenyl	13.53	154	459138	41.234	ng		95
47) 2-Chloronaphthalene	13.57	162	387446	40.869	ng		95
48) 2-Nitroaniline	13.77	65	154437	64.231	ng		90
49) Acenaphthylene	14.42	152	713785	50.334	ng		96
50) Dimethylphthalate	14.15	163	688693	58.216	ng		99
51) 2,6-Dinitrotoluene	14.26	165	168102	67.956	ng	#	87
52) Acenaphthene	14.77	154	454564	49.285	ng		99
53) 3-Nitroaniline	14.59	138	70447	26.620	ng	#	90
54) 2,4-Dinitrophenol	14.80	184	78080	58.175	ng		89
55) Dibenzofuran	15.10	168	758713	53.781	ng		95
56) 4-Nitrophenol	14.90	139	386666	192.486	ng		93
57) 2,4-Dinitrotoluene	15.06	165	279488	82.158	ng		90
58) Fluorene	15.75	166	668839	59.078	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	271479	76.112	ng		92
60) Diethylphthalate	15.52	149	752156	64.761	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	372722	53.928	ng		95
62) 4-Nitroaniline	15.76	138	242014	84.431	ng		98
63) Azobenzene	16.04	77	558098	58.824	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	96331	34.348	ng		85
66) n-Nitrosodiphenylamine	15.95	169	691276	41.356	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	295843	39.139	ng		97
68) Hexachlorobenzene	16.76	284	324644	41.053	ng	#	93
69) Atrazine	16.91	200	366219	55.763	ng		99
70) Pentachlorophenol	17.10	266	285906	63.643	ng		98
71) Phenanthrene	17.49	178	1430128	48.621	ng		98
72) Anthracene	17.59	178	1481066	50.488	ng		99
73) Carbazole	17.85	167	1545753	58.708	ng		98
74) Di-n-butylphthalate	18.42	149	1692091	56.688	ng		98
75) Fluoranthene	19.50	202	2122778	59.374	ng		98
77) Benzidine	19.68	184	255198	11.407	ng		98
78) Pyrene	19.87	202	2148653	52.908	ng		100
80) Butylbenzylphthalate	20.75	149	849608	54.565	ng		91
81) Benzo(a)anthracene	21.72	228	1920302	47.352	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	331353	20.351	ng	#	98
83) Chrysene	21.78	228	1844110	47.438	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	1111764	51.763	ng		98
85) Di-n-octyl phthalate	22.87	149	1772847	49.046	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2412968	46.890	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	2069447m	49.848	ng		
89) Benzo(k)fluoranthene	24.04	252	1935463	47.860	ng	#	98
90) Benzo(a)pyrene	24.86	252	2021961	50.782	ng	#	97
91) Dibenzo(a,h)anthracene	28.83	278	1965295	50.269	ng		96
92) Benzo(g,h,i)perylene	29.93	276	2007062	51.384	ng	#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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